

Figure 1

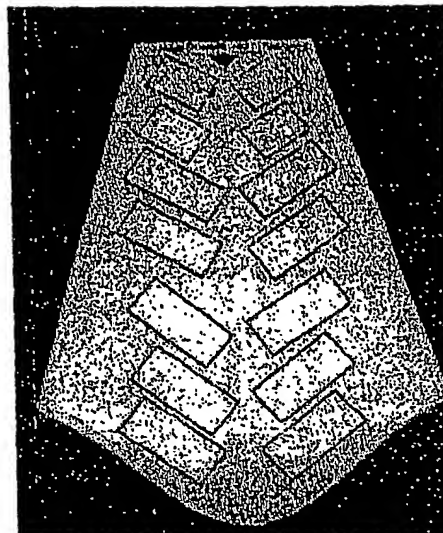


Figure 2

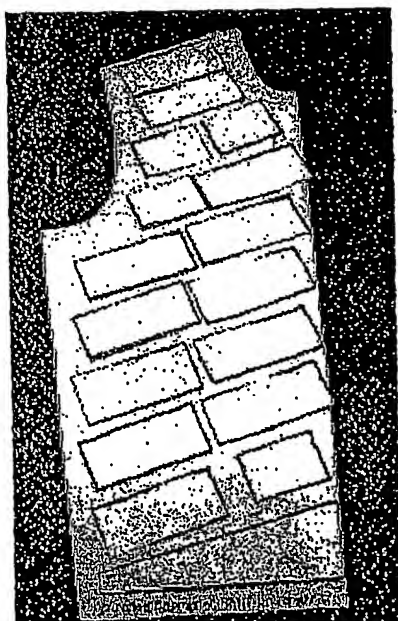


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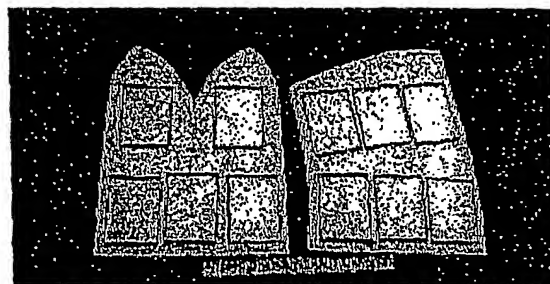


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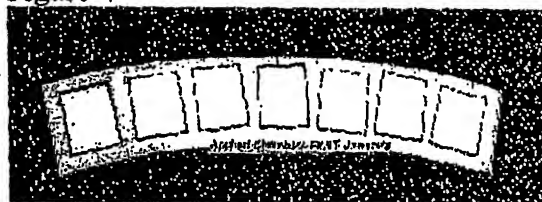


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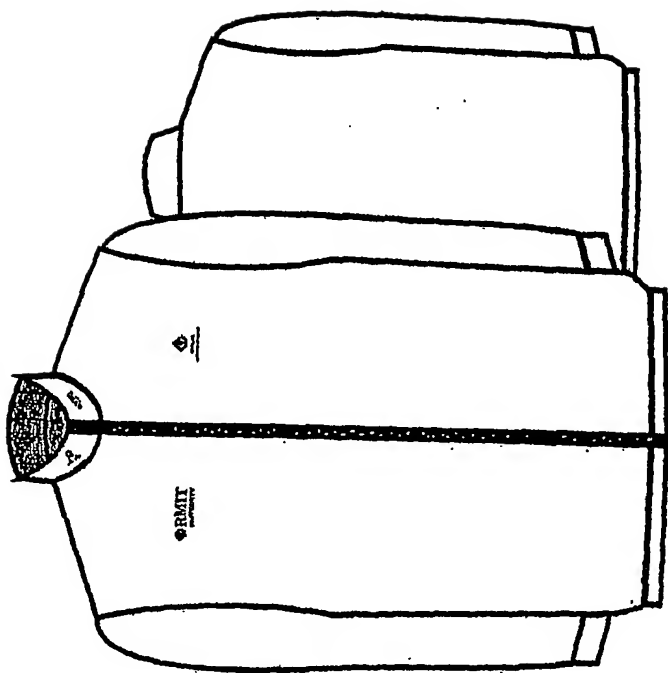


Figure 6a

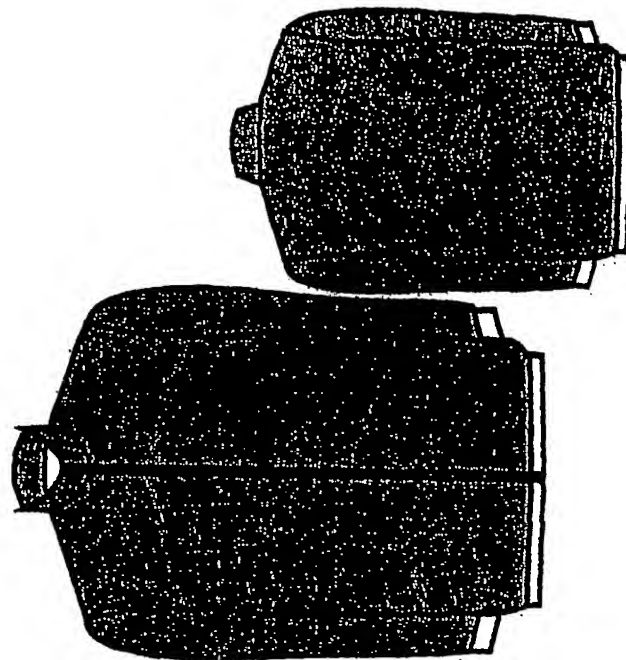


Figure 6b

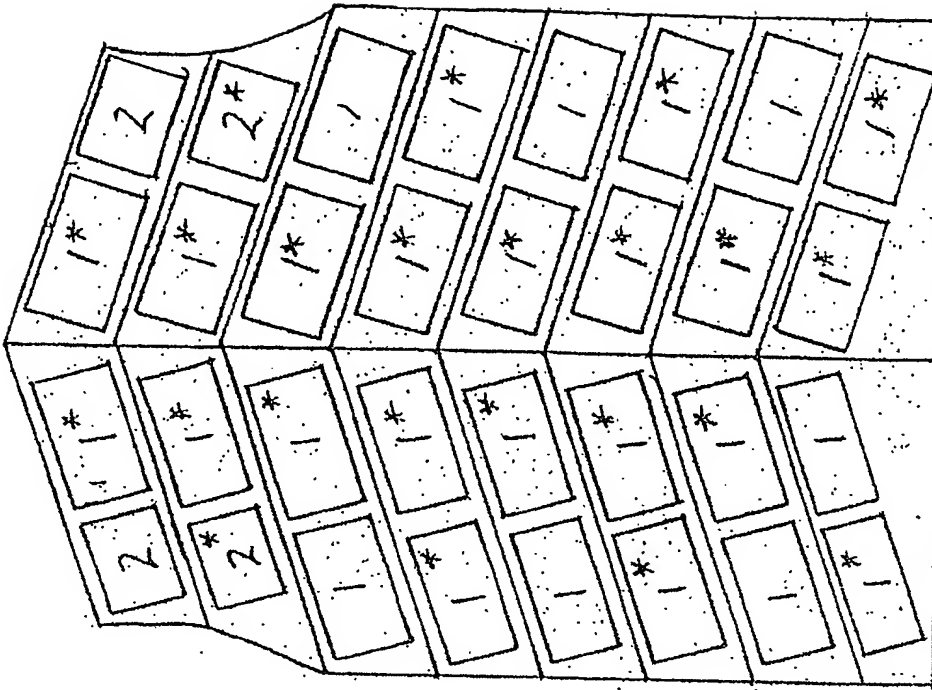


Figure 7b

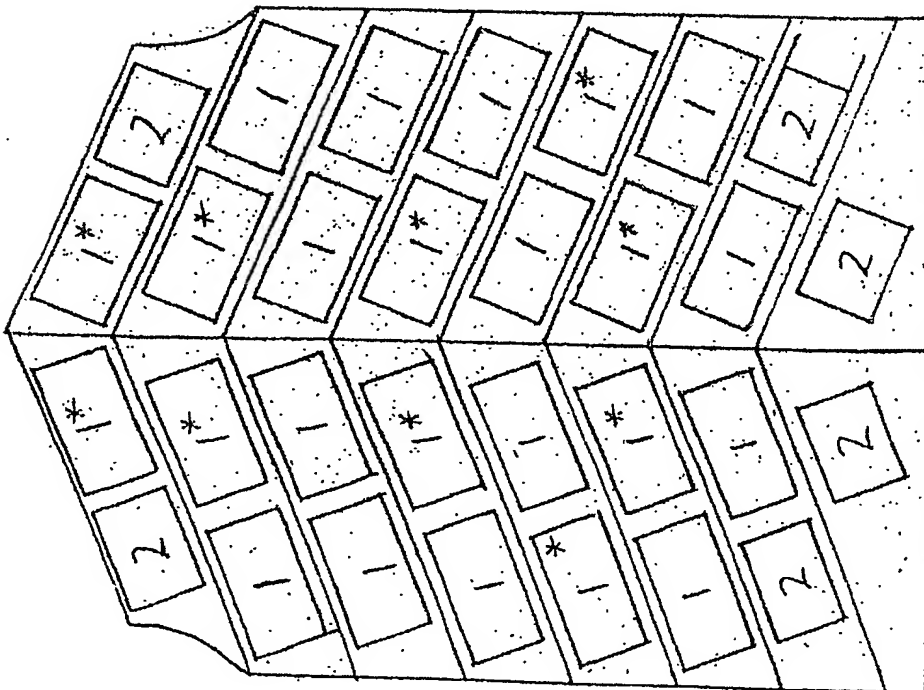


Figure 7a

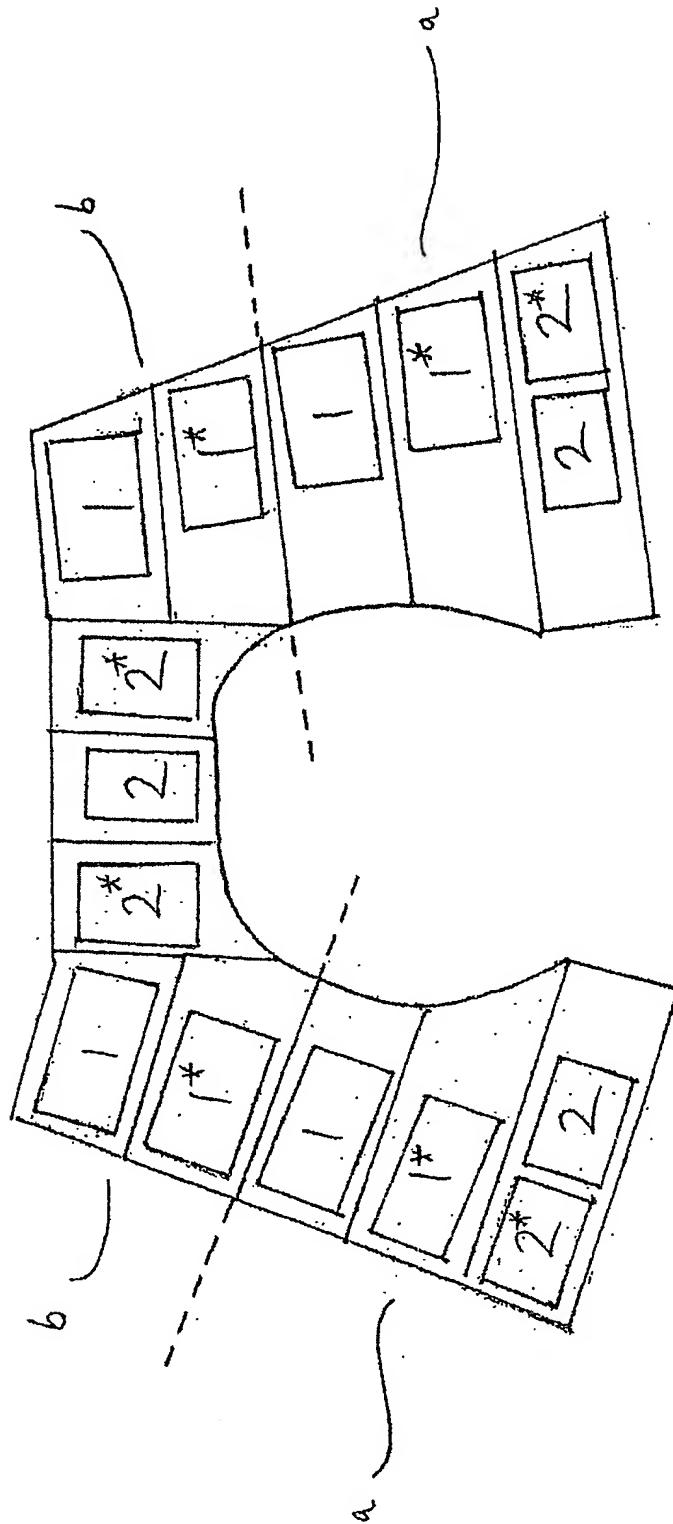


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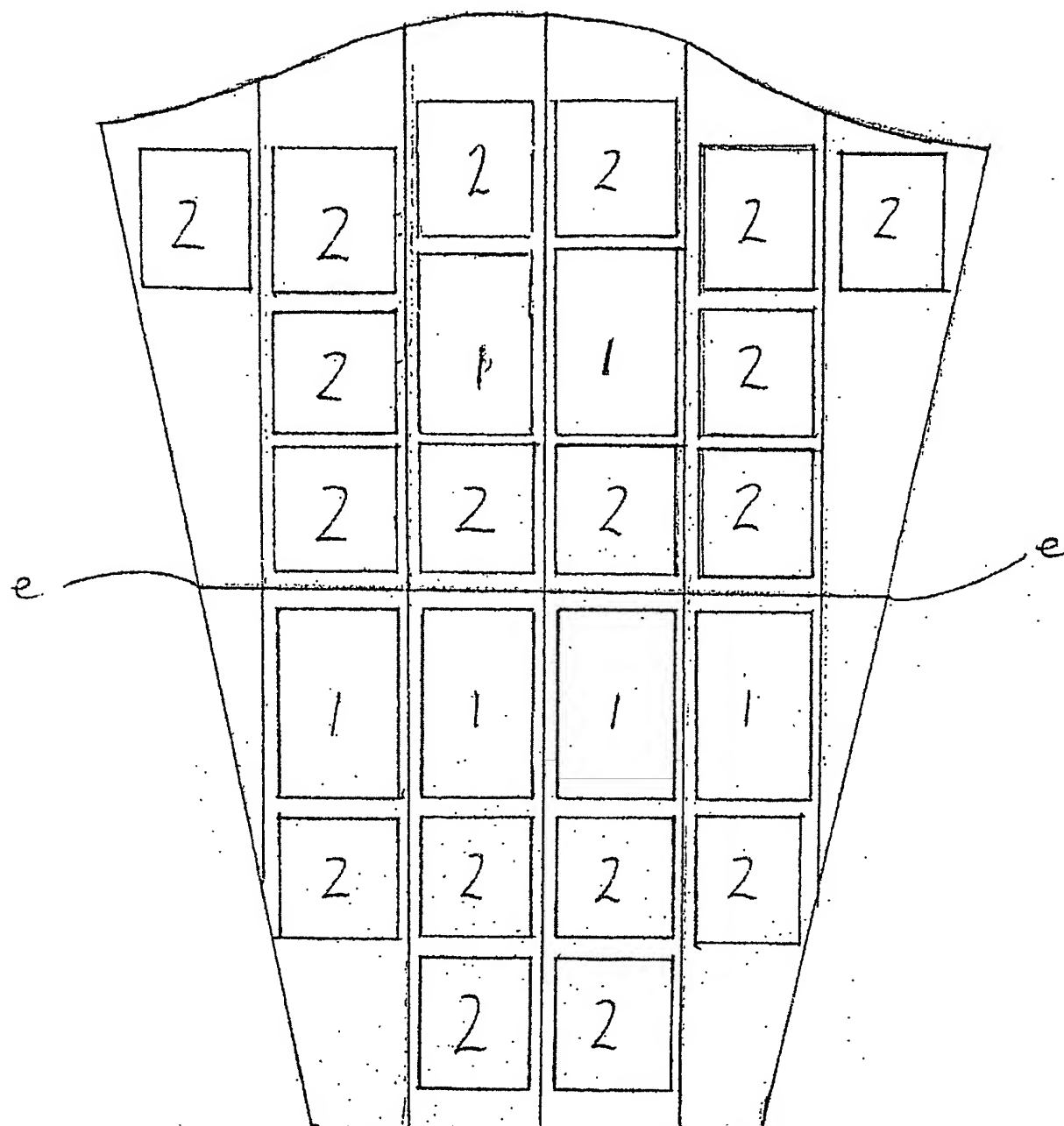


Figure 9

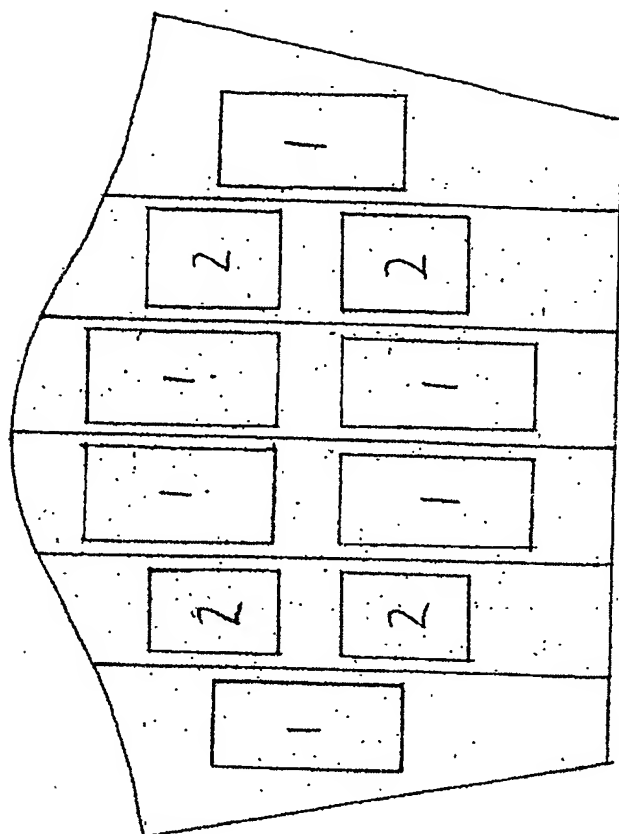


Figure 10b

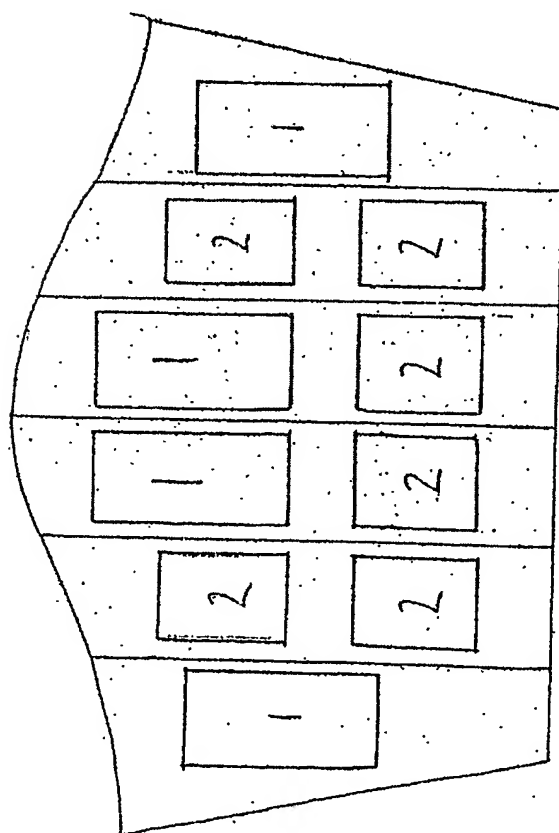


Figure 10a

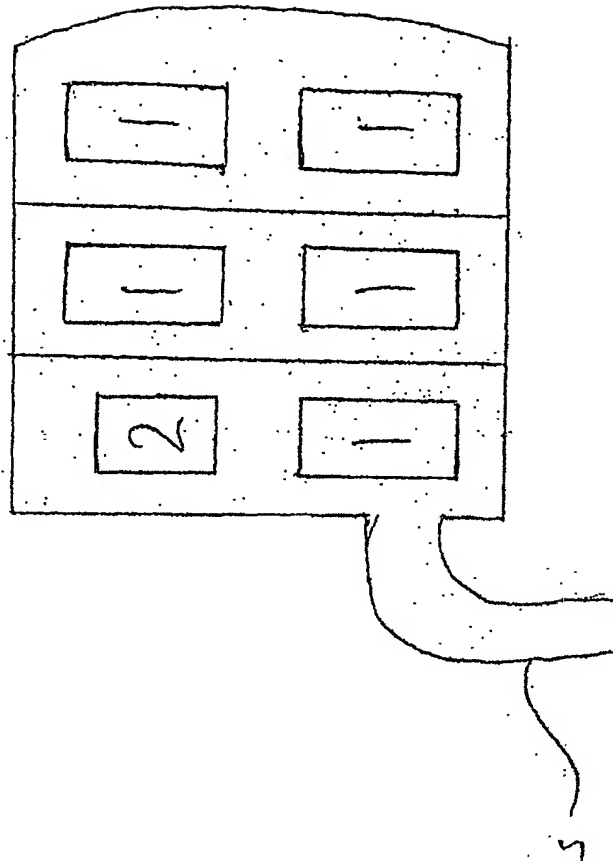


Figure 11b

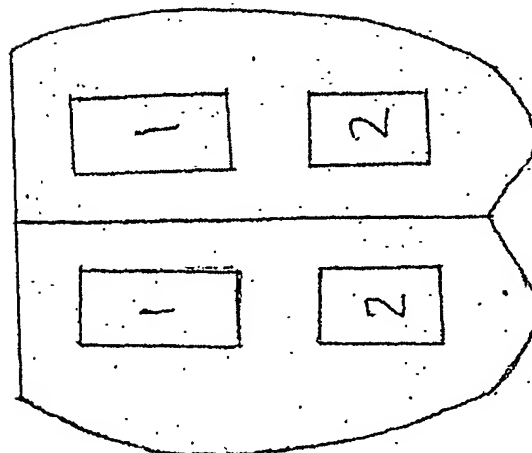


Figure 11a

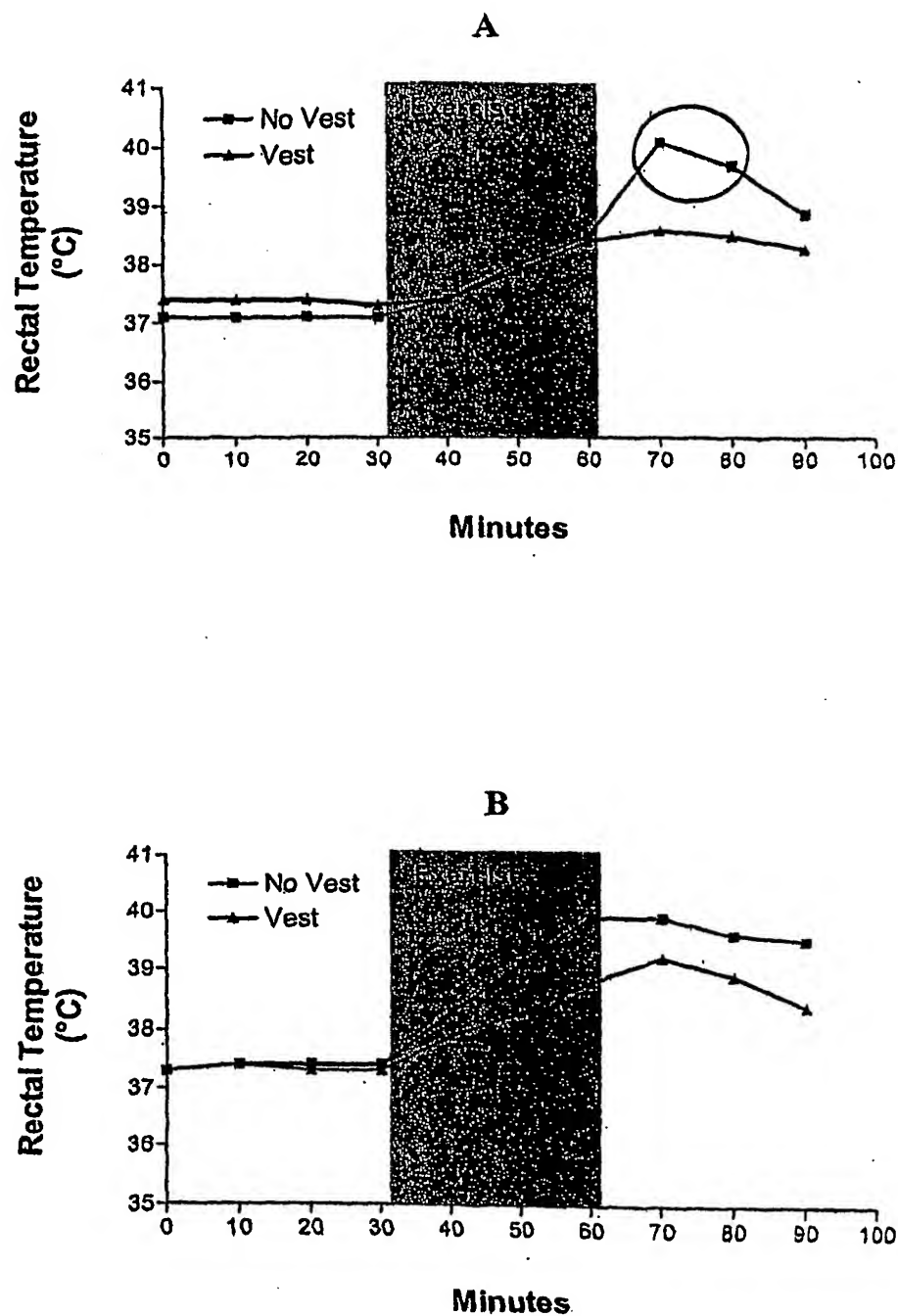


Figure 12: Rectal temperature measurements (core body temperature) over 90 minute study.



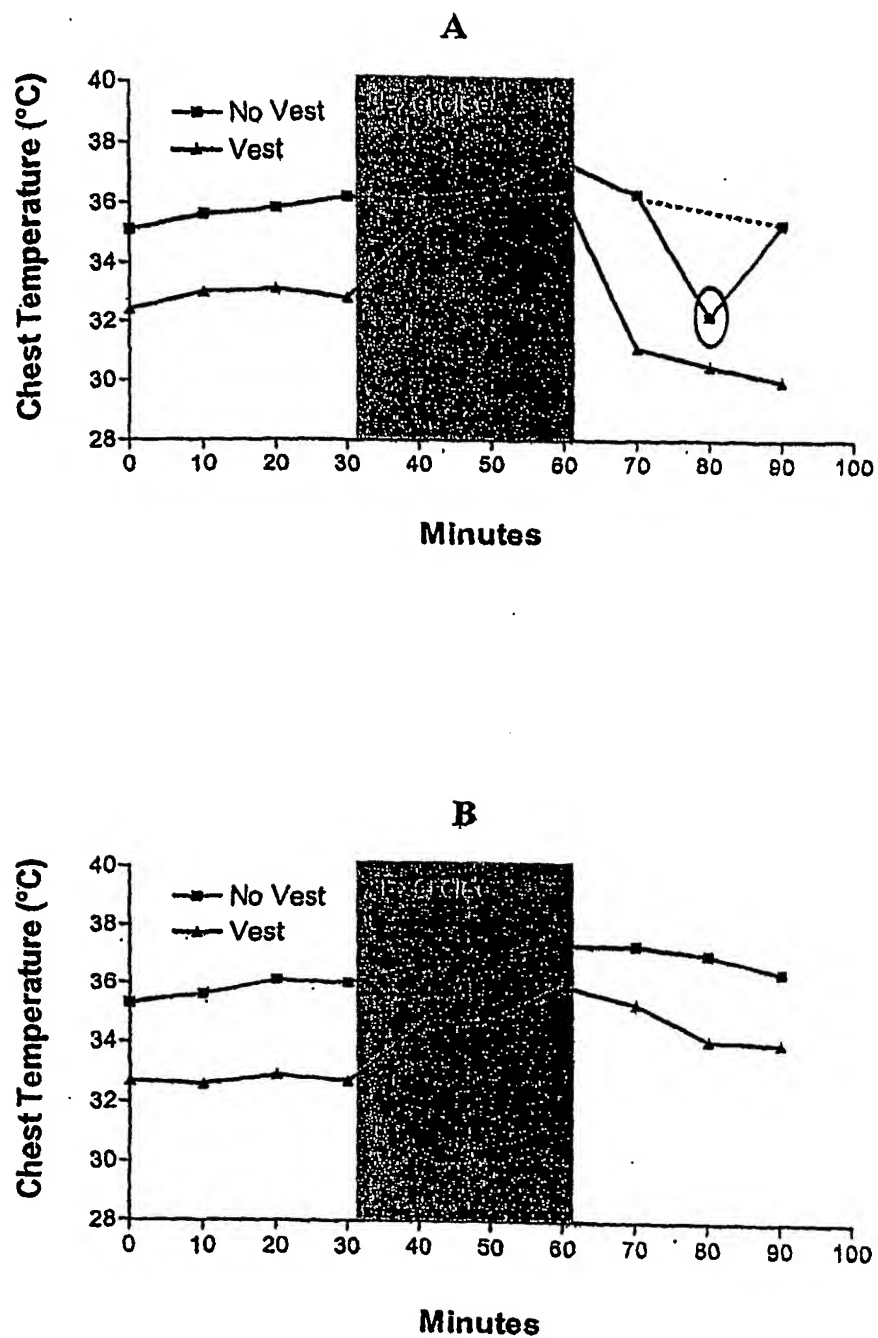


Figure 13: Chest temperature measurements over 90 minute study.

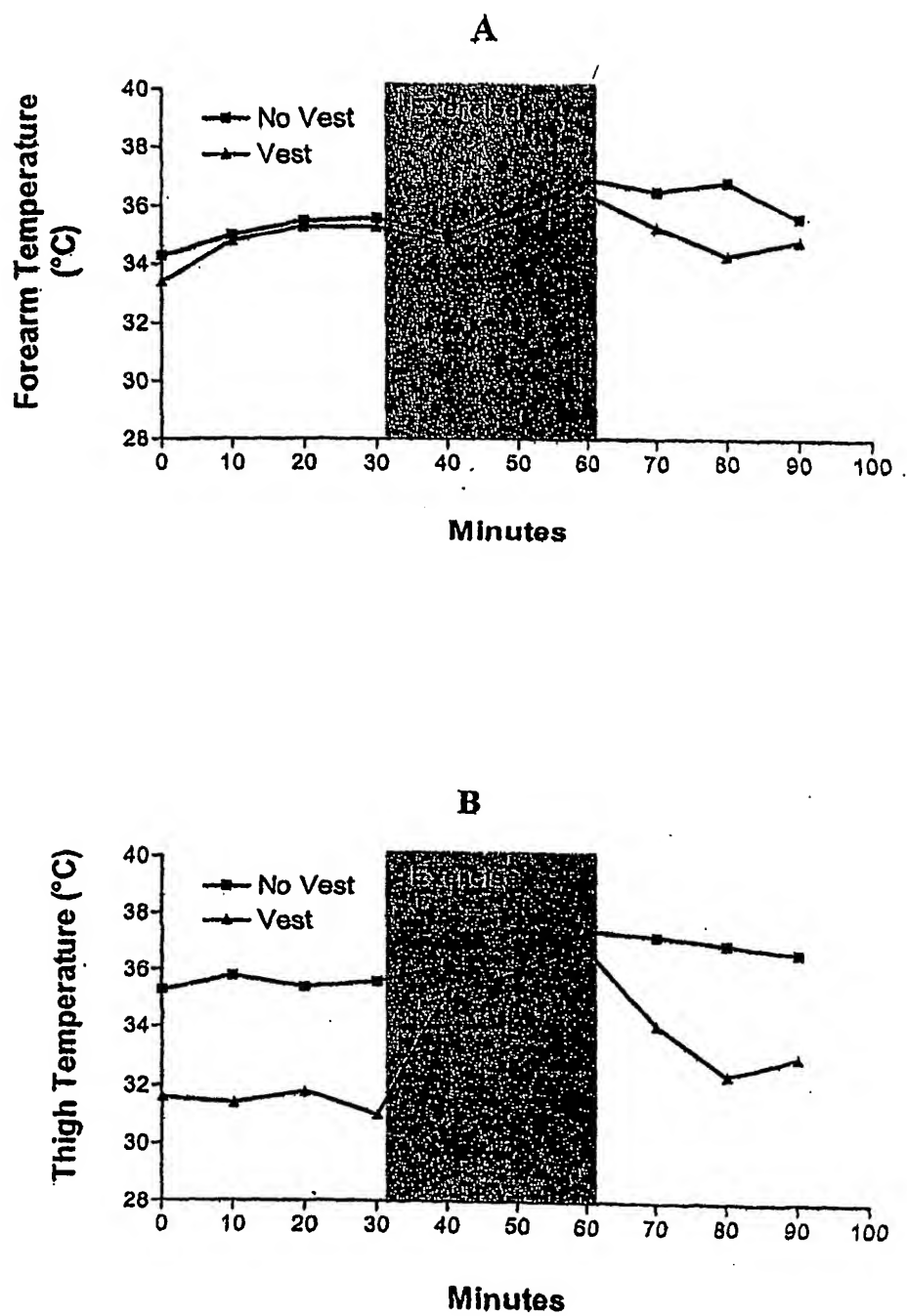


Figure 14- Forearm temperature measurements over 90 minute study.

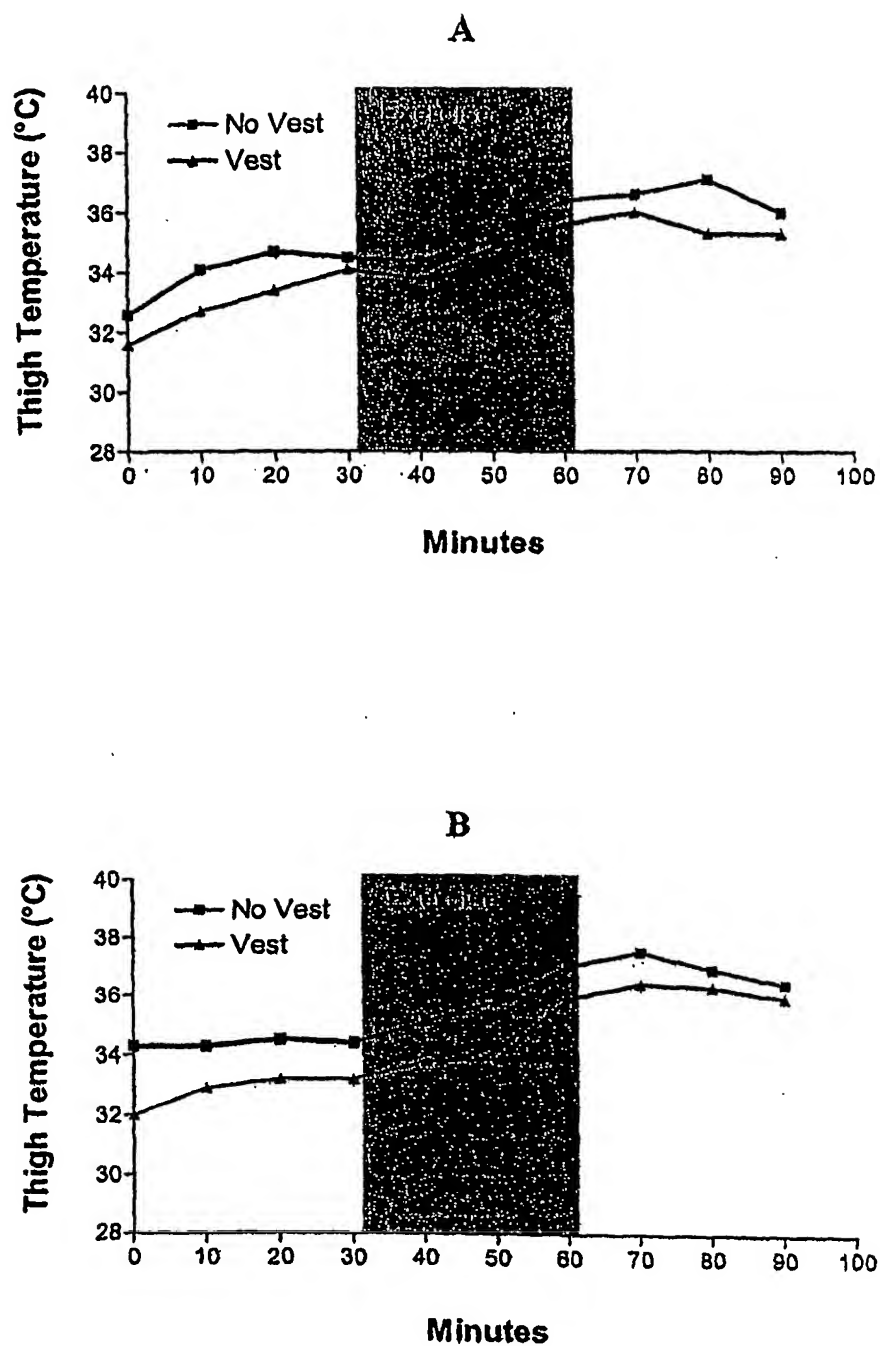


Figure 15: Thigh temperature measurements over 90 minute study.

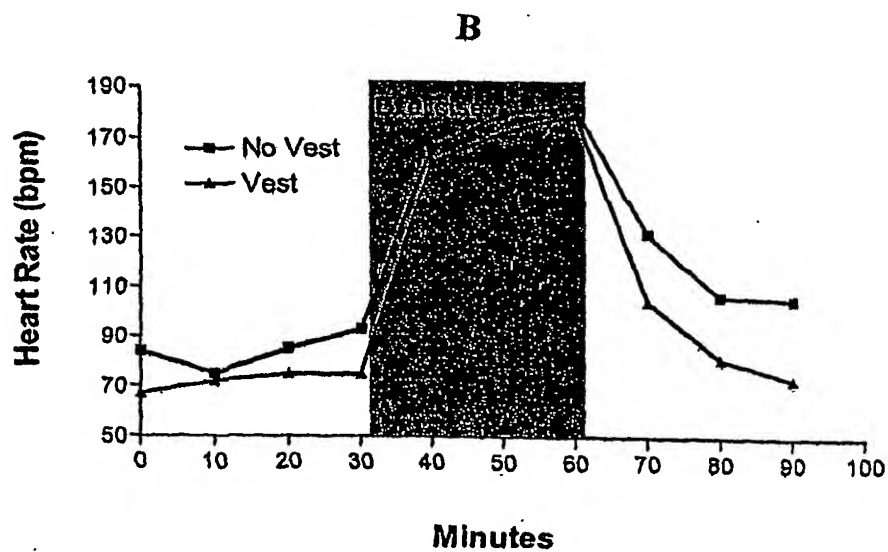
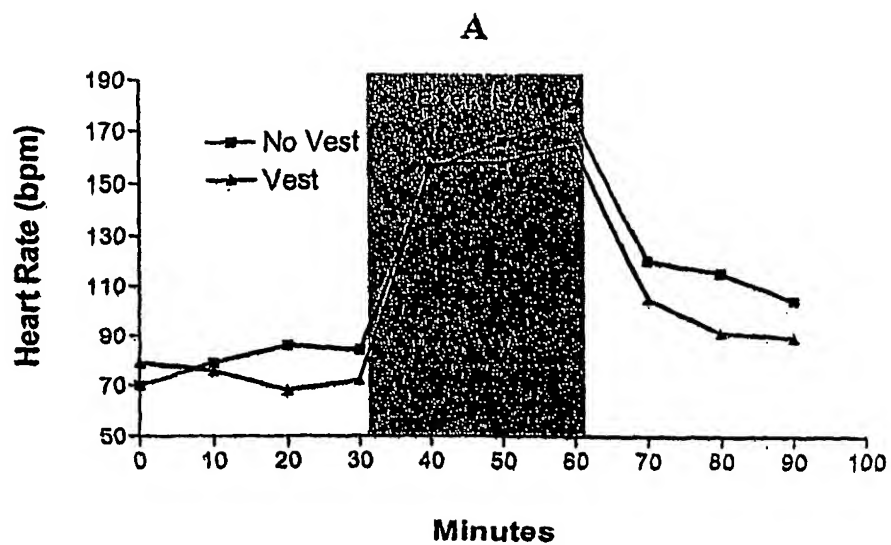


Figure 16: Heart Rate measurements over 90 minute study.

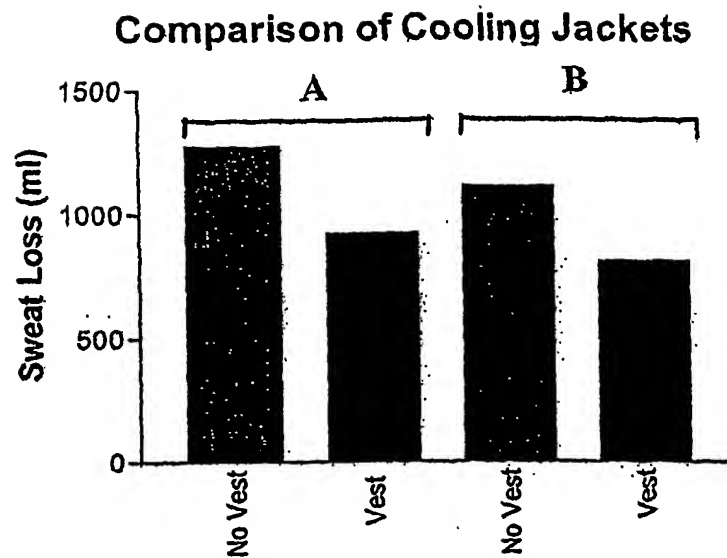


Figure 17: Sweat loss temperature over 90 minute study.

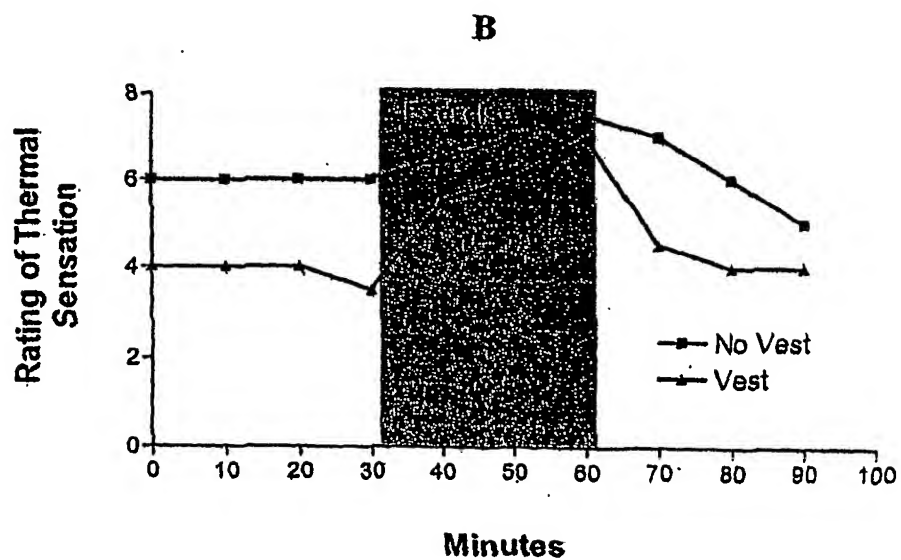
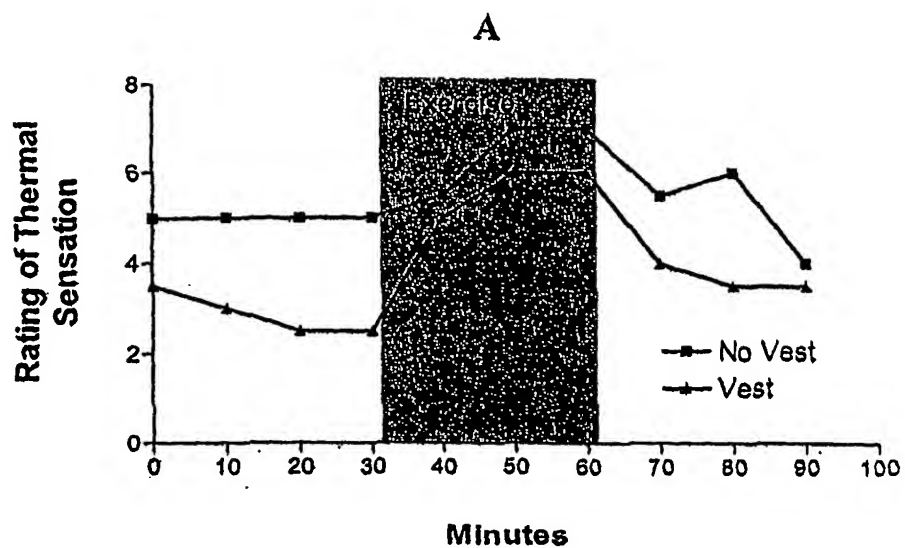


Figure 18; Rating of thermal sensation over 90 minute study.

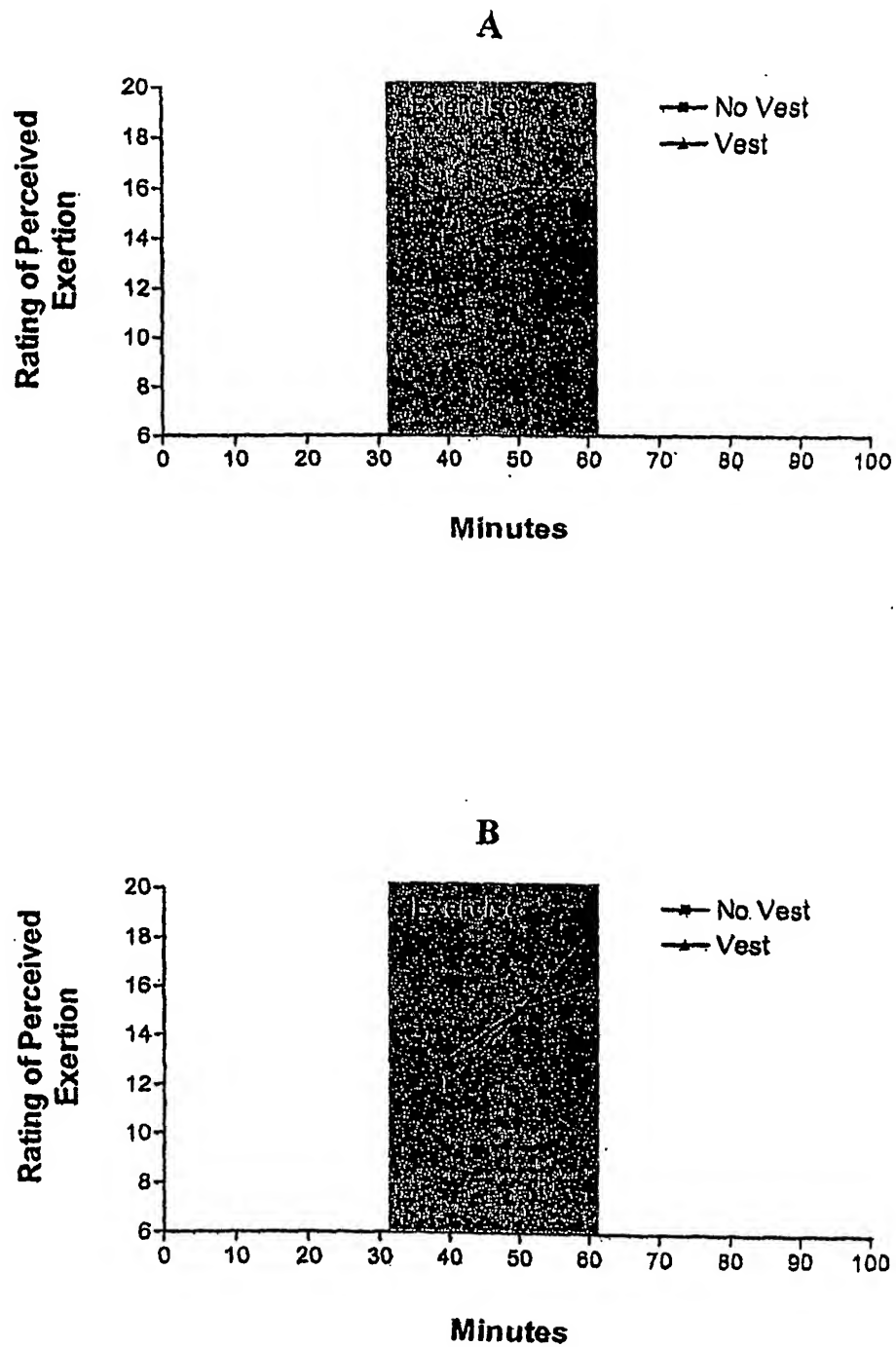
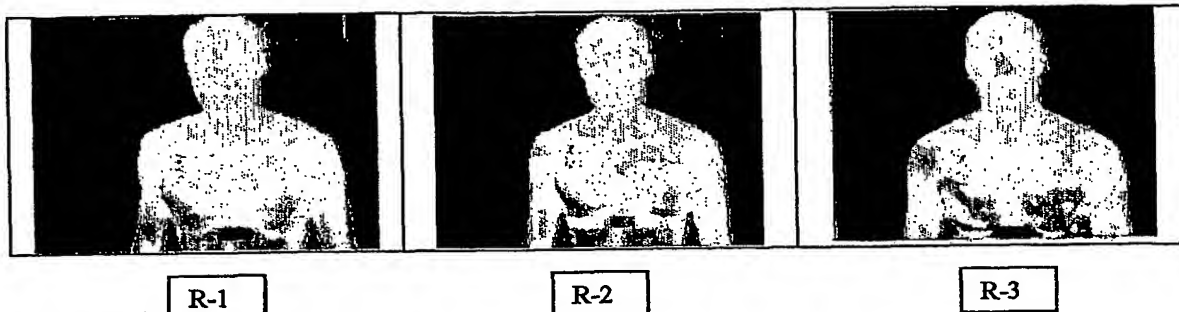


Figure 19: Rating of perceived exertion over 90 minute study.

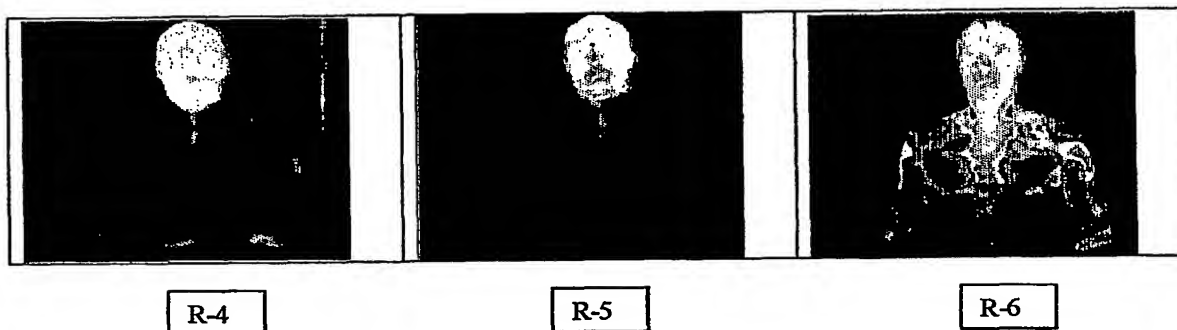
**Figure 20****Infrared Digital Imaging of Athlete Acclimatisation in High Temperature & Humidity Chamber Using the Jacket**

Acclimatisation without cooling jacket



R-1 to R-3 Acclimation prior to athlete exercise.

Acclimatisation with cooling jacket

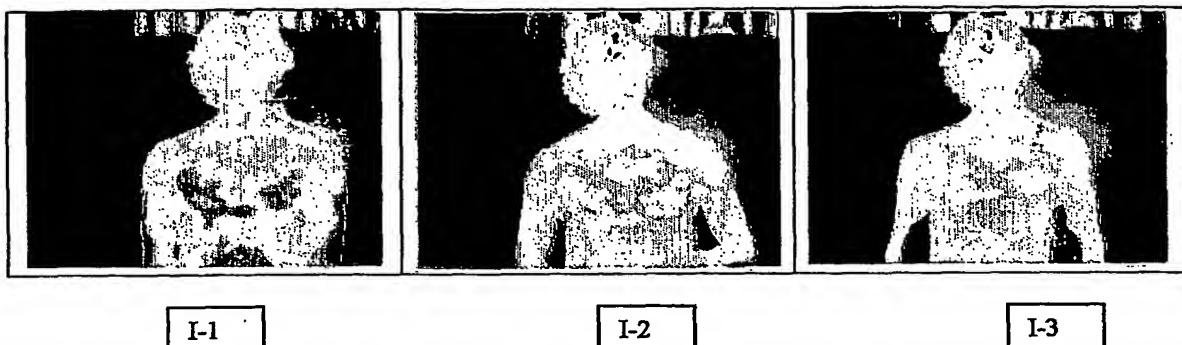


R-4 to R-5 Acclimation with jacket prior to athlete exercise. R6 Athlete after removal of jacket during acclimation period



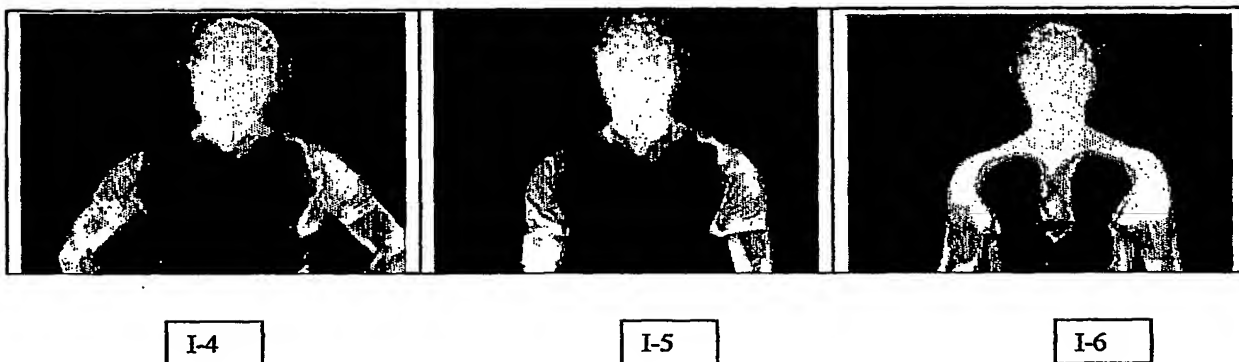
**Figure 21**  
**Infrared Digital Imaging of Athlete Acclimatisation in High Temperature & Humidity Using the ice-vest**

Acclimatisation without ice-vest



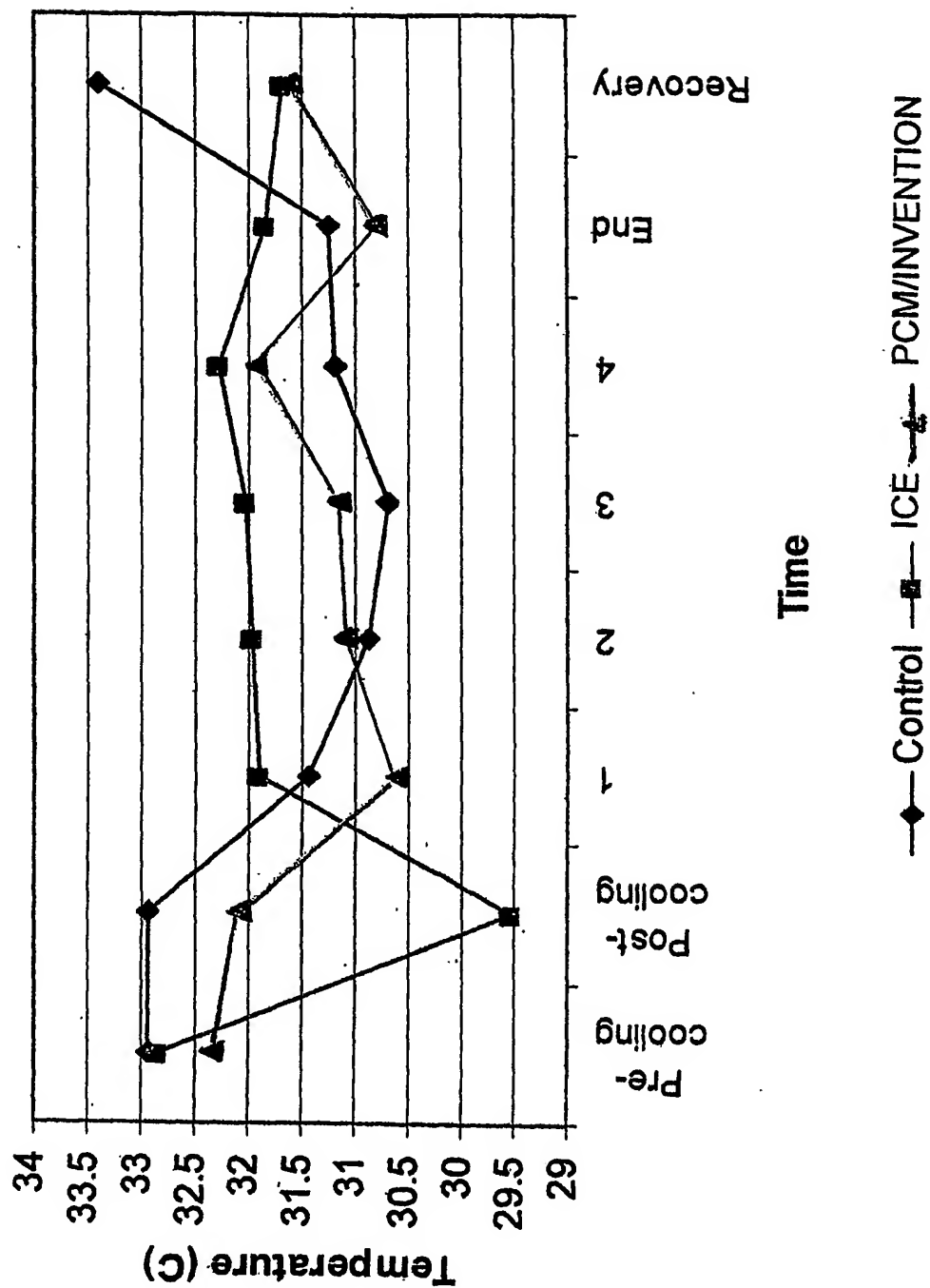
I-1 to I-3 Acclimation prior to athlete exercise

Acclimatisation with ice-vest



I-4 to I-5 Acclimation with Ice vest prior to athlete exercise. I-6 Athlete after removal of vest during acclimation period

**Figure A**  
**Lumbar Temperature**



**Figure B**  
**Chest Temperature**

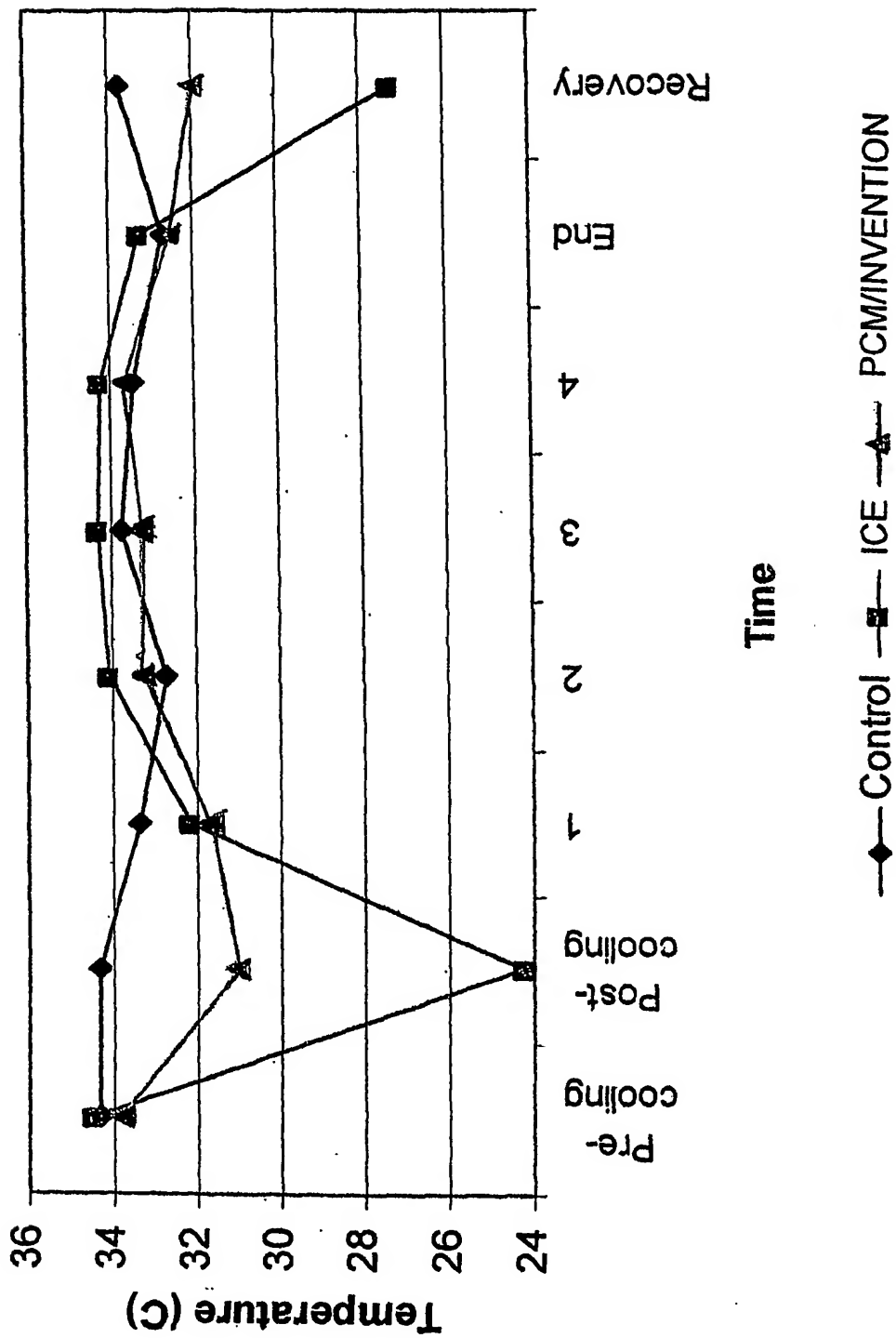
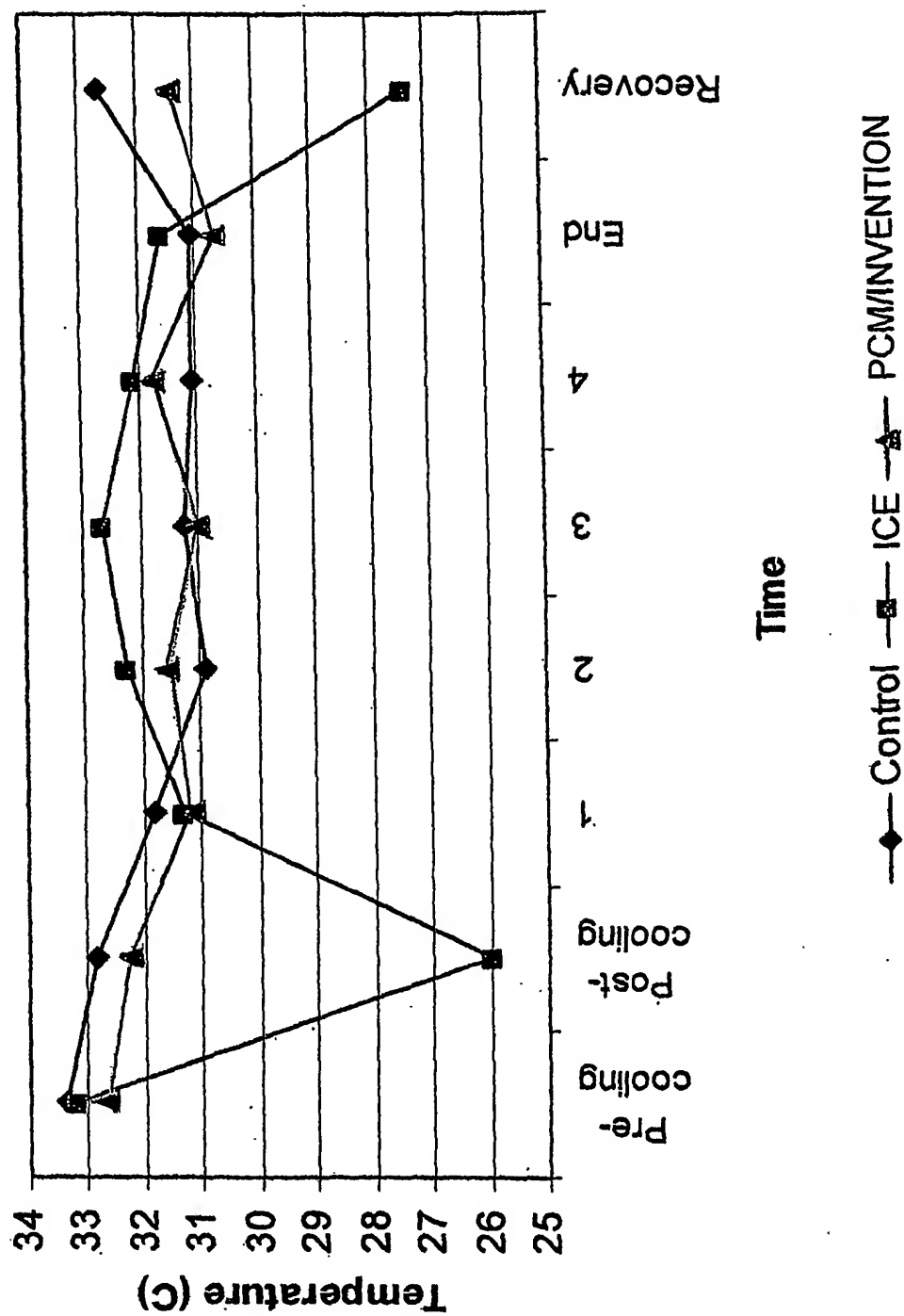
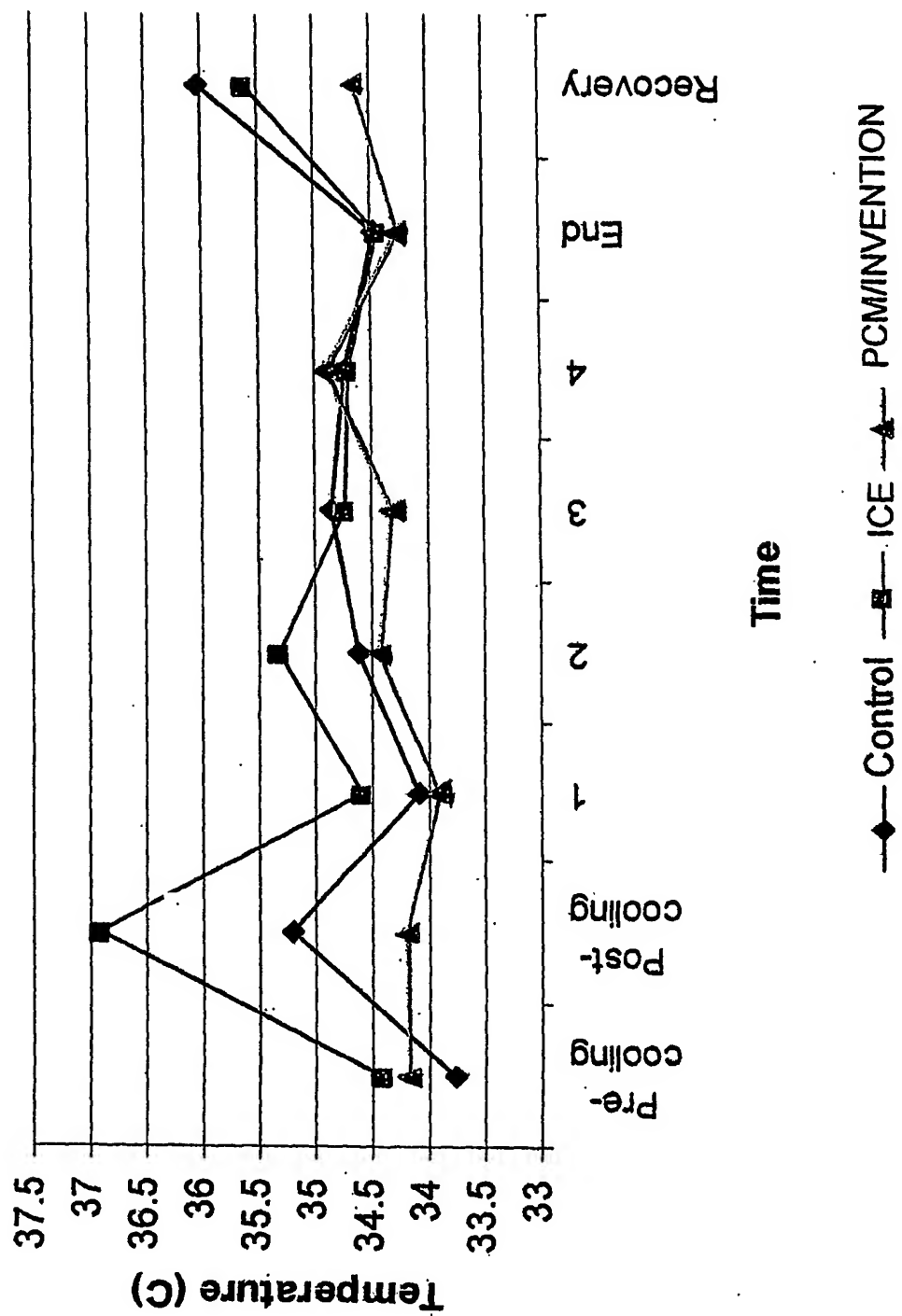


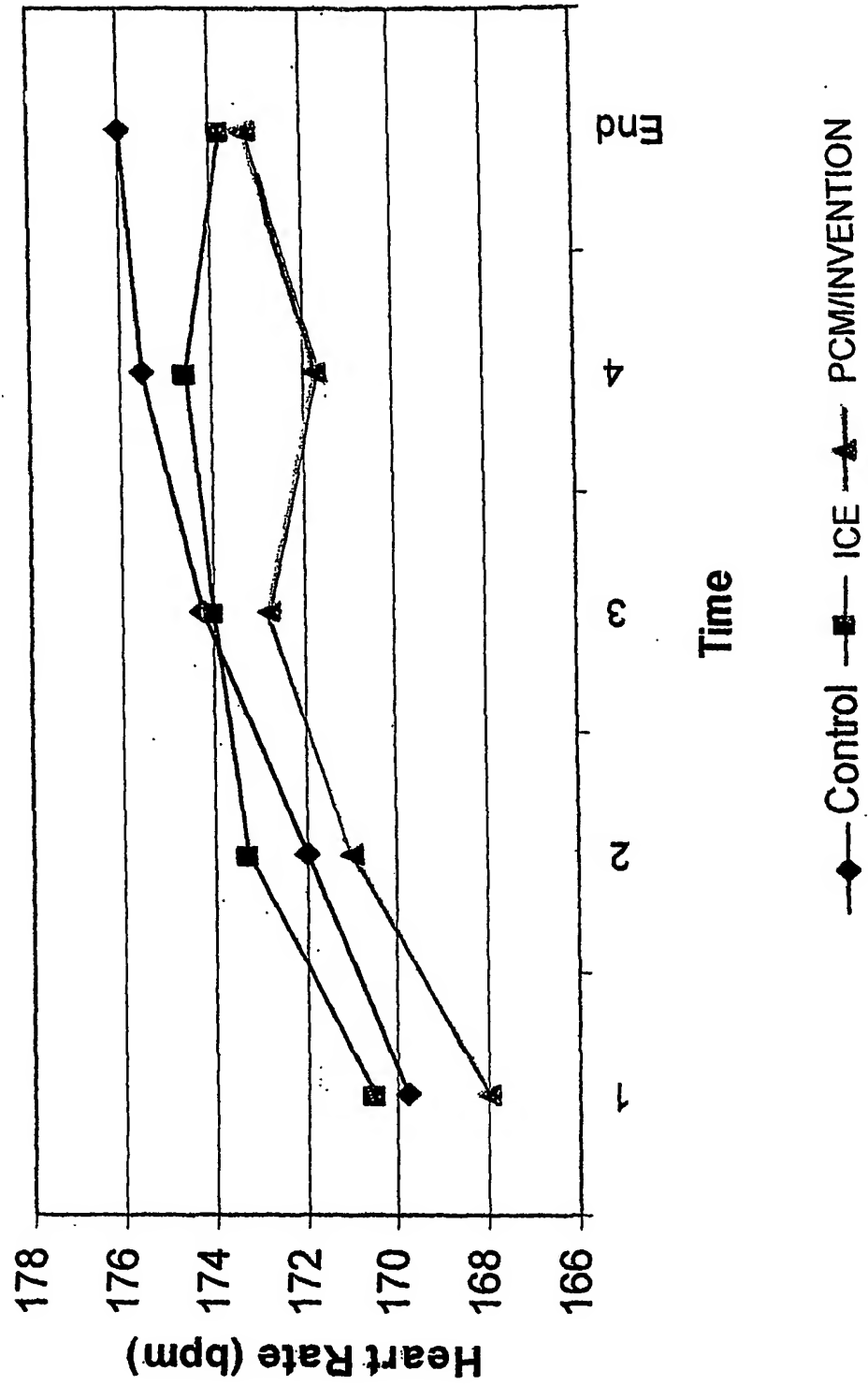
Figure C  
Abdomen Temperature



**Figure D**  
**Arm Temperature**



**Figure E**  
**Heart Rate - Exercise**



**Figure F**  
**Change in BW**

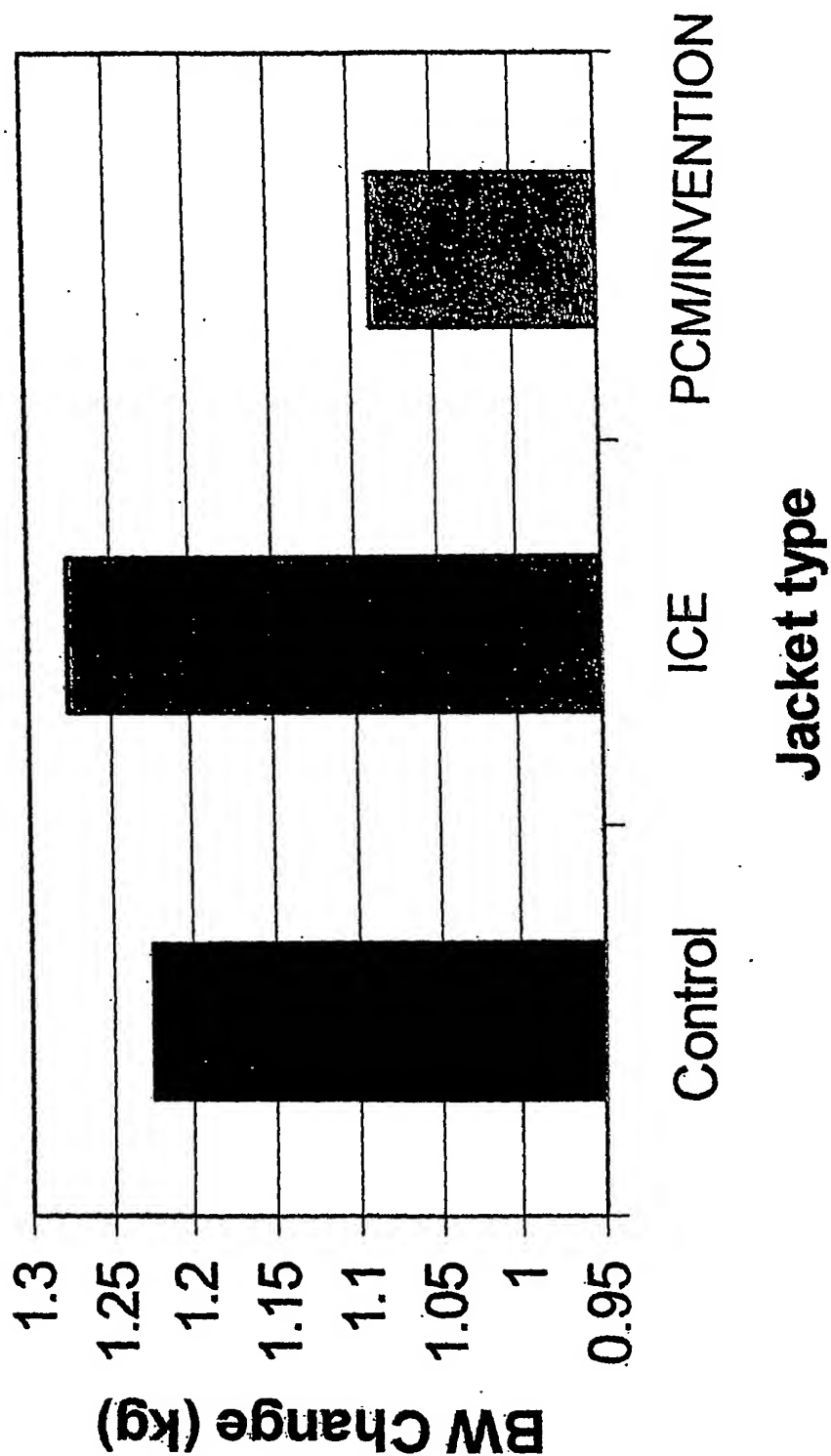
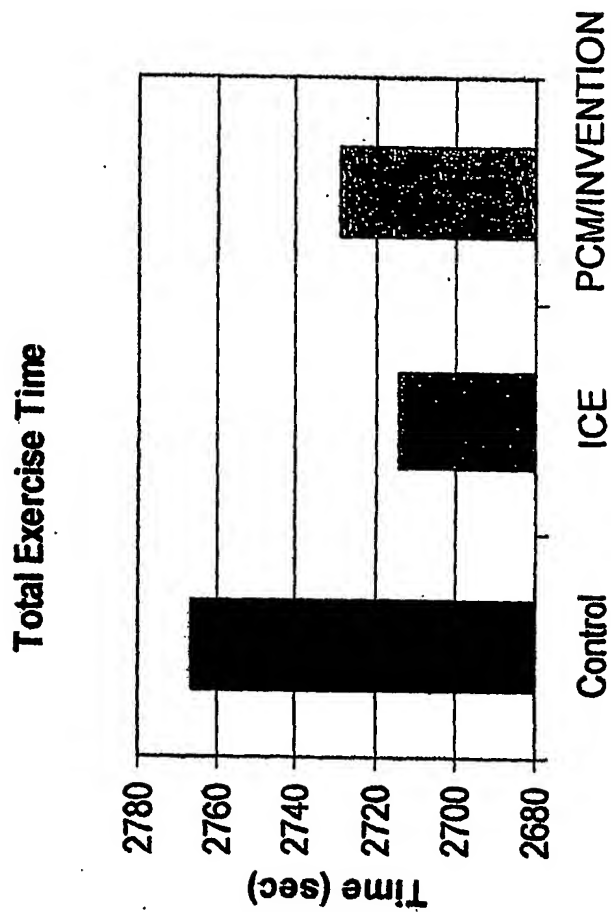


Figure G





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